

MICRO ELECTRONICS

PNP SILICON PLANAR
EPITAXIAL TRANSISTORS

PN 3644, PN 3645 (PNP) are silicon planar epitaxial transistors designed for small signal general purpose amplifiers and switches.



EBC

ABSOLUTE MAXIMUM RATINGS

Collector-Base Voltage

Collector-Emitter Voltage

Emitter-Base Voltage

Collector Current

Total Dissipation @ $T_A = 25^\circ\text{C}$

$T_C = 25^\circ\text{C}$

Operating Junction and Storage Temperature

V_{CB0}

V_{CE0}

V_{EB0}

I_C

P_D

T_j, T_{stg}

PN3644

PN3645

45V

60V

45V

60V

5V

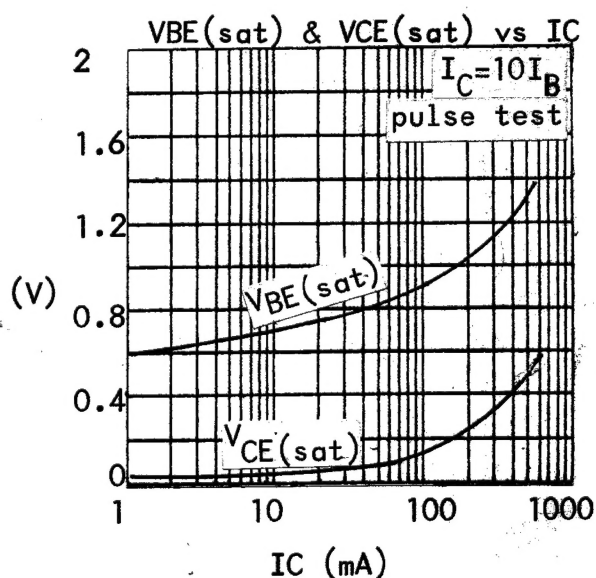
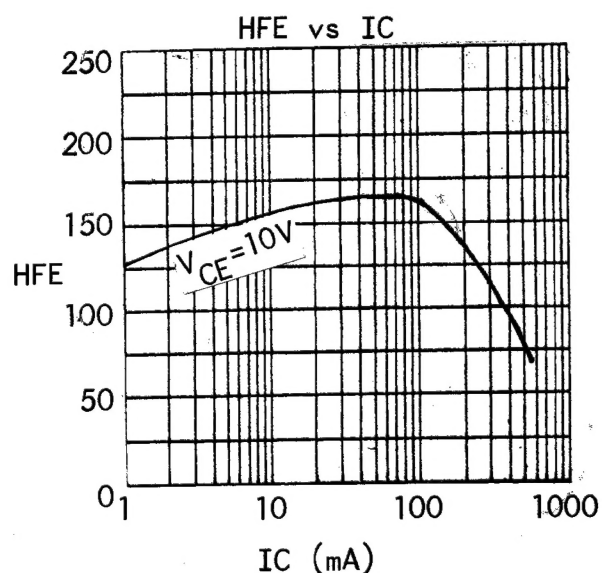
500mA

625mW

1W

-55 to 150°C^*

TYPICAL ELECTRICAL CHARACTERISTICS AT $T_A = 25^\circ\text{C}$



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